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(54) **High damping polymer compositions and their use in sonar systems.**

(57) Polymer compositions comprising a segmented urethane block polymer and an elastomer having a glass transition temperature between -40° and $+15^{\circ}\text{C}$ possess a good combination of properties, including relatively high damping and modulus values. Radiation cross-linked tubing prepared from these compositions finds application in the jacketing of marine sonar detection arrays comprising hydrophones.

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EUROPEAN SEARCH REPORT

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Application number

EP 83 30 3442

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
P,X	DE-A-3 131 359 (POLYCHROME) * Claims 1-6; page 10, lines 5-7; page 30, lines 23-27; examples 1,2 *	1-7	C 08 L 75/08 C 08 L 9/02 C 08 L 33/08 C 08 L 23/34 C 08 L 31/04 C 08 L 23/08 C 08 L 27/16 C 08 L 27/20 G 01 S 15/02
X	CA-A- 980 936 (UNIROYAL) * Claims 1-4,8,15 *	1	
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A	US-A-4 096 200 (LENZ et al.) * Column 2, lines 51-63; claims 1,4,5 *	1-3	
A	US-A-3 980 595 (SCHONFELD et al.) * Column 3, line 39 - column 4, line 32; column 5, lines 42-44; claims 1,2 *	1,2,7	C 08 L
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
Place of search THE HAGUE		Date of completion of the search 18-08-1986	Examiner BOURGONJE A.F.
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			